Index of Claims



Application/Control No.

09/738,013

Examiner

Melvin H. Pollack

Applicant(s)/Patent under Reexamination

JELLINEK, HERBERT D.

Art Unit

2145

Rejected Allowed

(Through numeral) Cancelled

Restricted

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| Claim Date |            |              |  |  |  |  |              |          | Cla             | Date     |            |              |          |          |   |                 |   |          | С        | aim |          |          |   | _  |          |                 |   |           |               |
|------------|------------|--------------|--|--|--|--|--------------|----------|-----------------|----------|------------|--------------|----------|----------|---|-----------------|---|----------|----------|-----|----------|----------|---|--|----------|-----------------|---|-----------|---------------|
|            |            |              |  | Γ.   | T  |  |              |          | П               |          |            |              |          |          |   |                 |   |          | Ī.,      |     |          |          |   |  | 1        |                 |   |           | Г             |
| ٦ ا        | Original   | 10/12/07     |  |  |  |  |              |          |                 |          |            | <del>-</del> | Original |          |   |                 |   |          |          |     | l        |          |   | -  | Original | 1               |   |           |               |
| Final      | <u>j</u>   | 112          |  |  |  |  |              |          |                 |          |            | Final        | <u>:</u> |          |   |                 |   |          |          |     | ΙI       |          |   | Final  | į        | l               |   | . !       |               |
| "          | - lō       | 10/          |  | İ  |  |  |              |          | H               | }        |            | ш            | ΙδΊ      |          |   |                 |   |          |          |     |          |          |   | ш  | 15       |                 |   | . 1       |               |
| -          | 1          |              |  |  |  | ļ  |              |          |                 | _        | L          |              |          |          |   |                 |   |          |          |     |          |          |   |  | <u> </u> |                 |   |           | _             |
| <u> </u>   | 1          | √            |  |  | _  | <u> </u>   |              |          |                 |          |            |              | 51       |          |   |                 |   |          |          |     |          |          |   |  | 101      |                 |   |           | L             |
|            | (2)        |              |  |  |  |  | L            |          |                 |          |            |              | 52       |          |   |                 |   |          |          |     |          |          |   |  | 102      |                 |   |           | Ī             |
|            | (2)        |              | 1  |  |  | 1  |              |          |                 |          |            |              | 53       |          |   |                 |   |          |          |     | П        |          |   |  | 103      |                 |   |           | Γ             |
|            | 4          | Τ            |  |  |  |  |              |          |                 |          | Γ          |              | 54       |          |   |                 |   | -        |          |     |          |          |   |  | 104      | $\Box$          | $\Box$  | $\Box$    | Г             |
|            | 5          | 7            |  |  |  |  | П            |          | П               |          |            |              | 55       |          | - |                 |   |          |          |     |          |          |   |  | 105      | П               |   |           | Г             |
|            | 6          | √            |  |  | ļ  |  |              |          | П               |          |            |              | 56       |          |   |                 |   |          |          |     |          |          |   |  | 106      | $\Box$          | $\neg$  |           | Г             |
|            | X          |              |  |  |  |  |              | 1        |                 |          | F          |              | 57       | _        |   |                 | - |          |          |     | Н        |          |   |  | 107      | $\vdash$        | $\neg$  |           | Н             |
| -          | 8          |              | ┢  | _  |  | ┢  | ┢            | $\vdash$ | H               | $\neg$   | ⊢          |              | 58       | _        |   |                 | - |          |          |     | Н        |          |   |  | 108      | $\vdash$        | -   | _         | <del> -</del> |
| -          | 3          |              | ┢  |  | <del> </del>                                     | -  | ┼            | $\vdash$ | $\vdash$        |          | <b> </b> - |              | 59       | $\dashv$ |   | $\vdash$        | _ |          |          |     | -        |          |   |  | 109      | ╌┤              | $\dashv$  |           | Н             |
| -          | 10         | <b>√</b>     | $\vdash$   | -  | ╁  | $\vdash$   | ├            | -        | H               |          | ⊢          |              | 60       | $\dashv$ |   |                 | _ |          | $\vdash$ | _   | Н        |          |   |  | 110      | $\vdash$        | -   | _         | ⊢             |
| -          | 11         | 7            | -  | <del> </del>                                     |  | ╁  | _            | -        | -               | -        | -          |              | 61       | -        | _ |                 |   | ⊢        | -        |     | -        |          |   |  |          | $\vdash$        | _   | $\dashv$  | ⊢             |
| $\vdash$   | 11         | +            | ├  |  | ┝  | ├  | ⊢            |          | Н               |          | -          |              | 61       | $\dashv$ |   |                 |   | <u> </u> |          |     | Н        |          |   |  | 111      | $\vdash \vdash$ | _   | _         | <u> </u>      |
|            | 12         | +            | <u> </u>   |  | <u> </u>   | ▙  | _            | _        |                 |          | L          |              | 62       | _        |   |                 |   | _        | _        |     | Ш        |          | 1 |  | 112      | Ш               |   |           | L             |
|            | 13         | 1            | ļ  | _  |  | _  | _            | ļ        |                 |          | L          |              | 63       | _        |   |                 |   |          | _        |     | Ш        |          |   |  | 113      | Ш               |   |           | L             |
| <u> </u>   | 14         | Ш            |  |  |  | ļ.,  | _            |          | Ш               |          | L          |              | 64       |          |   |                 |   |          |          |     |          |          |   |  | 114      |                 |   |           |               |
|            | 15         | Ш            | <u> </u>   | _  | <u> </u>   |  |              | <u> </u> |                 |          | L          |              | 65       |          |   |                 |   |          |          |     |          |          |   |  | 115      |                 |   |           | L             |
|            | 16         | L            |  |  |  |  |              |          |                 |          | L          |              | 66       |          |   |                 |   |          |          |     |          |          |   |  | 116      |                 |   |           | Γ             |
| L          | 17         |              |  |  |  |  |              |          |                 |          |            | ,            | 67       |          |   |                 |   |          |          |     |          |          |   |  | 117      | $\Box$          |   |           | Г             |
|            | 18         |              | Γ  |  |  |  |              |          |                 |          | Г          |              | 68       |          |   |                 |   |          |          |     |          |          |   |  | 118      |                 |   |           | ┌             |
|            | 19         | Т            |  |  |  | T  |              |          |                 |          |            |              | 69       | $\neg$   |   |                 |   | _        |          |     |          | -        |   |  | 119      |                 |   |           | Г             |
|            | 20         | T            |  |  | Т  |  |              |          |                 |          |            |              | 70       | $\neg$   |   |                 | - | _        |          |     |          | -        |   |  | 120      | $\vdash$        |   |           | Г             |
|            | 21         | T            |  | _  | 一  |  |              |          |                 | $\neg$   |            |              | 71       | _        |   |                 |   | -        | $\vdash$ |     | H        |          |   |  | 121.     | $\vdash$        |   | _         | H             |
|            | (22)       | T            | _  |  | <u> </u>   | <del>                                     </del> | ┰            | $\vdash$ | H               | -        | -          |              | 72       | -        |   |                 | - | $\vdash$ | -        | _   | $\vdash$ |          |   |  | 122      | H               | $\dashv$  | _         | ┝             |
| -          | 23         | +            | _  |  | <del>                                     </del> | H  | <del> </del> |          | Н               | $\dashv$ | -          |              | 73       | $\dashv$ |   | -               |   | $\vdash$ |          |     | $\vdash$ |          |   |  | 123      | $\vdash$        | $\dashv$  |           | $\vdash$      |
| -          | 24         | +            | -  | ┝  | -  | <del> </del>                                     | -            |          | $\vdash$        |          | •          |              | 74       | $\dashv$ |   |                 | _ |          | $\vdash$ | -   | -        | _        |   |  | 123      | $\vdash$        | $\dashv$  |           | Ŀ             |
| -          | 25         | +            |  | -  | -  |  | ├            |          | $\vdash$        | _        | -          |              |          | -        |   |                 |   | _        | -        |     |          |          |   |  | 124      | $\vdash$        |   |           | <u> </u>      |
| -          | 25         | $\dashv$     |  | <del>                                     </del> | -  | ┝  |              |          |                 |          | -          |              | 75       |          |   |                 |   |          | <u> </u> |     |          | _        |   |  | 125      | $\sqcup$        | $\dashv$  | _         | Ļ.,           |
|            | 26         | 4            |  | -  | -  | _  | $\vdash$     |          |                 |          | $\vdash$   |              | 76       |          |   |                 |   | <u> </u> | _        |     |          |          |   |  | 126      | $\sqcup$        |   |           |               |
| <u> </u>   | 27         | 4            |  | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     |          | $\vdash$        |          | _          |              | 77       | _        |   |                 |   |          | <u> </u> |     |          |          |   |  | 127      | Ш               |   |           | L             |
| <u> </u>   | 28         | 4            |  | _  | _  | _  | _            |          | Ш               |          | _          |              | 78       | _        |   |                 |   |          | _        |     | Ш        |          |   |  | 128      | Ш               |   |           |               |
|            | 29         |              |  |  |  |  | _            |          | $\sqcup$        |          | L          |              | 79       |          |   | Щ               |   |          |          |     |          |          |   |  | 129      |                 |   |           | L             |
| <u> </u>   | 30         | Ц            |  | _  |  | ļ  |              | L        |                 |          | L          |              | 80       |          |   |                 |   |          |          |     |          |          |   |  | 130      | Ш               |   |           |               |
|            | 31         | $\perp$      |  |  | <u> </u>   |  | <u> </u>     |          |                 |          |            |              | 81       |          |   |                 |   |          |          |     |          |          |   |  | 131      |                 |   |           |               |
|            | 32         | _1           |  |  |  |  |              |          | Ш               |          | _          |              | 82       |          |   |                 |   |          |          |     |          |          |   |  | 132      | П               |   |           |               |
|            | 33         | $\perp I$    | L  |  | L  |  | L            | L        |                 |          |            |              | 83       |          |   |                 |   |          |          |     | П        |          |   |  | 133      |                 |   |           | Γ             |
|            | 34         | $\prod$      |  |  |  |  |              |          |                 |          | Г          |              | 84       |          |   |                 |   |          |          |     |          |          |   |  | 134      |                 | $\neg$  |           | Π             |
|            | (35)<br>36 | T            |  |  |  | Π  |              |          |                 |          |            |              | 85       |          |   |                 |   |          |          |     | П        |          |   |  | 135      | $\Box$          | $\neg$  | $\exists$ |               |
|            | 36         | T            |  |  |  |  |              |          | $\Box$          |          |            |              | 86       |          |   | $\vdash$        |   |          | $\Box$   |     |          | $\neg$   |   |  | 136      | П               | _   | $\neg$    | Γ             |
|            | 37         | T            |  | <del>                                     </del> | Т  | $\vdash$   |              | Н        | H               | $\neg$   |            |              | 87       | $\dashv$ | _ | $\vdash$        |   |          | $\vdash$ |     | Н        |          |   |  | 137      | $\vdash$        | ᅱ   | $\dashv$  | Г             |
|            | 38         | $\top$       | $\vdash$   |  | T  |  | -            | _        | $\vdash$        | $\dashv$ | <u></u>    |              | 88       | $\dashv$ |   | $\vdash \vdash$ |   | Н        | $\vdash$ |     |          |          |   | <del>                                     </del> | 138      | $\vdash$        | $\dashv$  | $\dashv$  | _             |
|            | 39         | +            | $\vdash$   | -  | ╁╌   | <del>                                     </del> |              | -        | $\vdash$        | $\dashv$ | $\vdash$   |              | 89       | -        |   |                 |   | _        |          |     | Н        | -        |   |  | 139      | $\vdash$        | -   | $\dashv$  | _             |
| -          | 40         | +            | <del> </del>                                     | $\vdash$   | -  | $\vdash$   |              | -        | $\vdash$        | $\dashv$ | -          |              | 90       | $\dashv$ | - | $\vdash$        | _ |          | -        | -   | $\vdash$ | -        |   | <u> </u>   | 140      | <del>  </del>   | $\dashv$  | $\dashv$  | -             |
|            | 41         | $\mathbf{H}$ | <del>                                     </del> | -  | $\vdash$   | $\vdash$   | -            | -        | $\vdash$        | $\dashv$ | $\vdash$   |              |          | $\dashv$ | - |                 | _ | <b> </b> | $\vdash$ |     |          |          |   | <u> </u>   |          | $\vdash$        |   | $\dashv$  | -             |
|            | 42         | +            | <del> </del>                                     | -  | -  | $\vdash$   | $\vdash$     |          | $\vdash \vdash$ | $\dashv$ | $\vdash$   |              | 91<br>92 |          | _ | $\vdash$        |   | <b>-</b> |          |     | $\vdash$ | _        |   | <u> </u>   | 141      | $\vdash \vdash$ |   | $\dashv$  | _             |
| $\vdash$   | 42         | +            | _  | $\vdash$   | $\vdash$   | ├—   | -            |          | $\vdash$        | $\dashv$ | -          |              |          |          |   | -               |   | -        | <u> </u> |     |          | $\dashv$ |   | <u> </u>   | 142      | $\vdash \vdash$ | $\dashv$  |           | _             |
| $\vdash$   | 43         | +            | $\vdash$   | $\vdash$   | _  | ├—   | -            | _        | $\vdash$        | $\dashv$ | $\vdash$   |              | 93       | -        |   |                 |   | _        |          | _   | $\vdash$ | 4        |   |  | 143      | $\sqcup$        | _   |           | _             |
| -          | (44)       | 1            | $\vdash$   | <u> </u>   | <del> </del> _                                   | <u> </u>   | <b> </b>     | _        | $\vdash$        | _        | L          |              | 94       | _        |   |                 | Ш | _        |          |     | Ш        |          |   |  | 144      | Ш               |   |           |               |
|            | 45         | Ļ            | <u> </u>   | <u> </u>   | <u> </u>   |  | <u> </u>     |          | $\sqcup$        | _        |            |              | 95       |          |   |                 |   |          |          |     | <u> </u> |          |   |  | 145      | $\sqcup$        |   |           | _             |
|            | (46)       | _√_          | _  | L  | _  |  |              |          |                 | _        | L          |              | 96       |          |   |                 |   |          |          |     |          | ]        |   | L  | 146      | Ш               |   |           | _             |
| _          | 47         |              |  |  |  | _  |              |          | Щ               | _        | _          | -            | 97       |          |   |                 |   |          |          |     |          | _        |   |  | 147      | $\Box$          | $\Box$  |           | _             |
|            | 48         |              |  |  | Ш  | _  |              |          |                 |          | L          |              | 98       |          |   |                 |   |          | L        |     |          | ]        |   |  | 148      | $\Box$          | $oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}}}$ | ]         | _             |
| <u> </u>   | 49         |              |  |  |  |  |              |          |                 |          | Ĺ          |              | 99       |          | ] |                 |   |          |          |     |          |          |   |  | 149      |                 |   |           |               |
| 1          | - 50       | 1 7          |  |  |  |  | . –          | _        | . –             |          |            |              | 400      |          |   |                 |   |          |          |     | _        |          |   |  |          |                 | $\overline{}$   | _         | _             |

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| Oi    | aim   | <u> </u> |  |              | 1  | Jau      | <del>-</del> |              | ,        |           |
|-------|---|----------|--|--------------|--|----------|--------------|--------------|----------|-----------|
| Final | Original  |          |  |              |  |          |              |              |          |           |
|       | 101   |          |  |              |  | Γ        |              |              |          |           |
|       | 102<br>103  |          |  |              |  |          |              |              |          |           |
|       | 103   |          |  |              |  |          |              |              |          |           |
|       | 104   | _        | L_   |              | _  |          |              |              |          |           |
|       | 105   |          | _  |              | _  | _        |              | _            | <u> </u> |           |
|       | 106   | _        | <u> </u>   | ļ            | <u> </u>   | _        |              | <u> </u>     | _        |           |
|       | 107<br>108  | <u> </u> | ļ  |              | <u> </u>   | <u> </u> |              | _            | <u> </u> |           |
|       | 108   | -        | <u> </u>   |              | _  | _        |              | <u> </u>     |          |           |
|       | 109   | <u> </u> | <u> </u>   |              | _  | -        | ļ            | <del> </del> | <u> </u> |           |
|       | 110<br>111<br>112                                     | _        | <u> </u>   |              | $\vdash$   | -        | _            | -            | ┝        |           |
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|       | 114   | $\vdash$ |  | -            | $\vdash$   | $\vdash$ | $\vdash$     | -            | $\vdash$ | -         |
|       | 113<br>114<br>115                                     | $\vdash$ | ├─   | <u> </u>     | $\vdash$   | ╁        |              | ├─           | $\vdash$ | $\vdash$  |
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|       | 123   |          |  |              |  |          |              |              | _        |           |
|       | 119<br>120<br>121.<br>122<br>123<br>124<br>125<br>126 |          |  |              |  |          |              |              | _        |           |
|       | 125   |          |  |              |  |          |              |              |          |           |
|       | 126   |          |  |              |  |          |              |              |          |           |
|       | 127<br>128<br>129                                     |          |  | <u> </u>     |  |          |              |              |          |           |
|       | 128   |          |  |              |  | _        |              |              | <u> </u> |           |
|       | 129   |          |  |              |  |          | <u> </u>     |              |          |           |
|       | 130   |          |  |              |  | _        | <u> </u>     |              |          |           |
|       | 131   | _        |  | _            | <u> </u>   | _        | <u> </u>     |              | <u> </u> | _         |
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|       | 134   | _        |  | _            | -  | ├─       | -            |              | <u> </u> |           |
|       | 135<br>136  |          |  | <del> </del> | -  | $\vdash$ | <del> </del> | -            |          | Н         |
| -     | 137   |          | —  |              |  |          | ├─           | -            |          | H         |
|       | 138   |          |  | $\vdash$     | -  | -        |              |              |          | -         |
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|       | 143   |          |  |              |  |          |              |              |          |           |
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|       | 146   |          |  |              |  |          |              |              |          |           |
|       | 147   |          |  |              |  |          |              |              |          |           |
|       | 148   |          |  |              |  |          | <u> </u>     |              |          |           |
|       | 149   |          |  |              | Ļ  |          | L.,          |              |          | $\square$ |
|       | 150   |          |  |              | L  |          |              |              |          |           |